

# Converting Colors

Hex(FD4F2D)

Have a look what the booklet for  
Hex(FD4F2D) contains.

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# Color

Hex(FD4F2D)

# Conversions

## Conversions Part 1

Format	Color
Hex	FD4F2D
RGB	253, 79, 45
RGB Percent	99%, 31%, 18%
CMY	0.0078, 0.6902, 0.8235
CMYK	0.00, 0.69, 0.82, 0.01
HSL	10°, 98%, 58%
HSV	10°, 82%, 99%
XYZ	43.7776, 26.6641, 5.3220
YIQ	127.1500, 114.6180, 26.3140

# Conversions

## Conversions Part 2

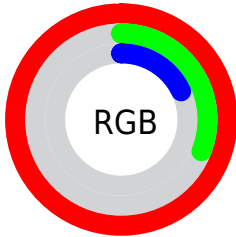
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	253, 86, 45
Decimal	16600877
CIE <sub>Lab</sub>	58.66, 64.32, 55.60
CIE <sub>LCh</sub>	59, 85.020, 40.843
Yxy	26.6641, 0.5778, 0.3519
Android (android.graphics.Color)	4294790957 (0xFFFD4F2D)
YUV	127.1500, -40.4999, 110.3705
Hunter-Lab	51.6373, 60.9656, 30.0354

# Details

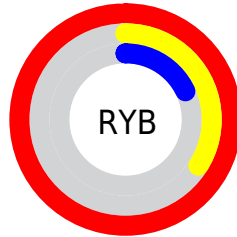
The Hex color **FD4F2D** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **2DDBFD**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF895E**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FD3A14**, and if you desaturate by 10%, it is **FD6446**.

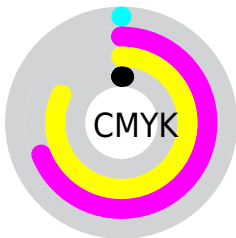
# Distribution



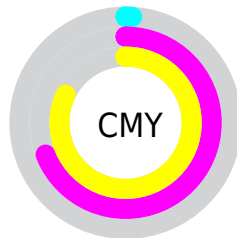
- Red (99%)
- Green (31%)
- Blue (18%)



- Red (99%)
- Yellow (34%)
- Blue (18%)



- Cyan (0%)
- Magenta (69%)
- Yellow (82%)
- Black (1%)



- Cyan (1%)
- Magenta (69%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD4F2D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color FD4F2D by changing the saturation by 10% instead.



 FD4F2D

 FD4F2D

FFFFFF

 DC2F14

 FF895E

 BC0000

 FFA678

 9B0000

 FFC392

 7B0000

 FFE0AE

 5C0000

 FFFEC9

 400003

 FFFFEE

 1D0001

 000000

 FD4F2D

 FD4F2D

■ FD3A14

■ FD6446

■ FD2900

■ FD7960

■ FD8E79

■ FDA492

■ FDB9AC

■ FDCEC5

■ FDE3DE

■ FDF8F7

FDFFFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FF2476



FD4F2D



D17700

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FD4F2D



00AA59



008EFF

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



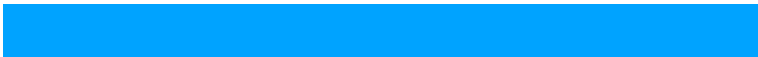
FD4F2D



2DDBFD

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00A3FF



FD4F2D



00ADA7

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FD4F2D



36A200



00ABEE



AF6AFF

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FD4F2D



A98B00



00ABEE



0096FF



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



FD4F2D



FFCABF



FD2DDE



806059



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



FD4F2D



FF2C03



FDB42D



807573



BF1F00

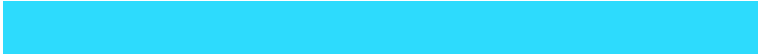


400A00

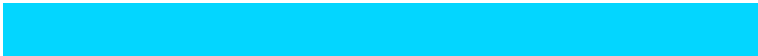


# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2DDBFD



03D6FF



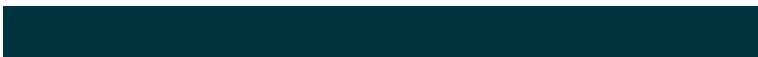
2D76FD



737D80



00A0BF



003540



# Previews

## White Background



This preview shows how the Hex color FD4F2D looks on a white background.

## Color Contrast Check

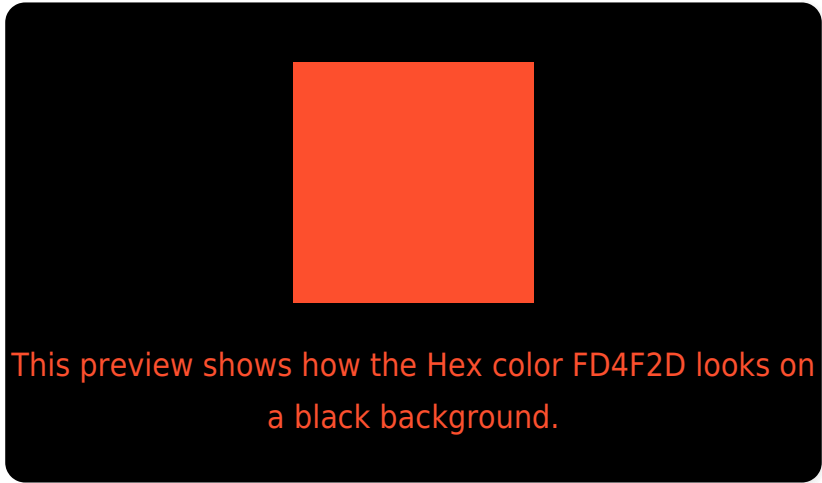
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FD4F2D Background



This preview shows how black text looks on a background with the Hex color FD4F2D.

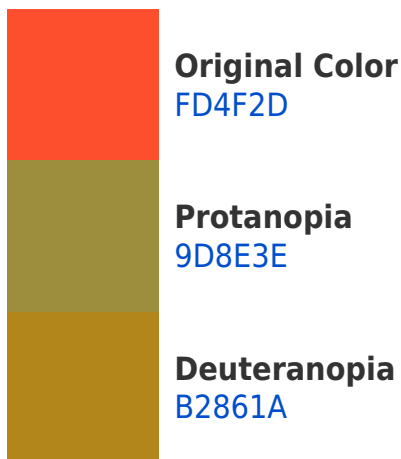


This preview shows how white text looks on a background with the Hex color FD4F2D.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
FE4B4F

# Trichromacy



**Original Color**  
FD4F2D

**Protanomaly**  
C07738

**Deuteranomaly**  
CD7221

**Tritanomaly**  
FE4C43

# Monochromacy



**Original Color**  
FD4F2D

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
AD6E61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD4F2D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #FD4F2D looks like.

```
.text, #text, p{  
    color:#FD4F2D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #FD4F2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD4F2D
}
```

## Border

The CSS property to change the border of an element to Hex FD4F2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

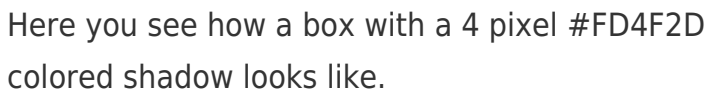
```
.border, #border, table{ border:4px solid
#FD4F2D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#FD4F2D }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #FD4F2D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD4F2D; -webkit-box-shadow:4px 4px  
4px 4px #FD4F2D; box-shadow:4px 4px 4px  
4px #FD4F2D }
```

# Background

The CSS property to change the background color of an element to Hex FD4F2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD4F2D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#FD4F2D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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